



PTP/CLIENT ANTENNA

WiBOX PA M5-20X for MIMOSA C5C

WiBOX PA M5-20X for MIMOSA C5C is an innovative **PTFE microstrip dual polarity X (slant) polarized (MIMO 2x2) planar antenna** operating at the frequency range of **5.1 – 5.9 GHz** with **20 dBi** gain in both polarizations. It is desired for **point-to-point (PTP)** or **point-to-multipoint (PMP)** as the client antenna, where the high-gained antennas are required. Due to **slant (+/- 45 Deg) polarization, PA M5-20X** can be used in interfered environment. The antenna is supplied with special mounting accessory for easy and slight **MIMOSA C5C** mounting inside the box, giving you **full waterproof IP67 system** for outdoor usage. It's to be linked with [MIMOSA A5C Access Point](#). The antenna is integrated with the top quality **WiBOX Medium** box system.

ROHS



Electrical specification

Frequency	5.1 - 5.9 GHz
Gain	20 dBi
VSWR	<2.00
Beamwidth	16°/16°
Polarization	X,H&V or X
Cross-Polar Isolation	
Front-to-Back	> 30 dB
Separation between Connectors	
Impedance	50 Ω
Max Input Power	50 W
Lighting Protection	No
DC Ground	Yes

Mechanic specification

Dimensions	27.2 x 27.6 x 9.6 cm 10.71 x 10.87 x 3.78 inch
Weight	2 kg
Connector	RJ45 & 2xRP-SMA
Material	ABS
Waterproof level	IP67
Operating temperature	from -40°C to 80°C from -40°F to 176°F
Wind resistance	70km/h

Mounting Kit

Dimensions	9.9 x 10.5 x 14.8 cm 3.9 x 4.13 x 5.83 inch
Regulation Range	+/- 30°
Weight	0.87 kg
Max Dimensions Range	25 - 65mm
Material	Polyamide with fiberglass + galvanized steel U-Bolts

Features

- › Gain for the frequency of 5100 - 5900 MHz 2x 20 dBi
- › Polarization X,H&V or X for the frequency of 5100 - 5900 MHz
- › 2 x Connector RP-SMA
- › Big, ergonomic and voluminous **WiBOX Medium** enclosure for radio equipment installation
- › Outdoor Waterproof Enclosure **WiBOX Medium**
- › Designed and resistant for any weather conditions
- › RJ45 Waterproof System
- › Grounding system protecting against lightning - DC Ground
- › 36 Warranty Months

Systems

- › LTE band - 46, 47, 252, 255
- › WLAN - 5 GHz
- › WiMAX - 5 GHz
- › RFID - 5725 - 5875 MHz
- › ISM - 5725-5875 MHz

Applications

- › PtP connections
- › PtM Connections
- › System Integration

Compatible with

- › **MIMOSA - C5C**

Plots

